Products and services **by category INSIDE. Problem-solve. Check out the listings!**

Easy DISASTER PLANNING STEPS **you can use on-the-job now. Pages 1 and 11.**

ISC 1990 Conference **Coverage, Photos, Products. See page 18.**

GET DETAILS **on products and services listed. Use reader service cards. Page 21.**

SECURITY T.M.

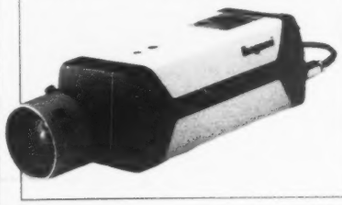
Spring 1990 • THE MAGAZINE FOR SECURITY DECISION MAKERS • A Cahners Publication

PRODUCT UPDATE • SPECIAL EDITION

Problem Solving Products

For more information on EXD-1 and EXD-1F modular delayed exit locking systems from Securitron see page 7.

Ikegami's ICD-41 black-and-white camera accepts most ½- and ⅔-inch format lenses. For more details see page 6.



Security Takes Lead Role In Disaster Planning

By Leigh Gaines
Contributing Writer

Valdez. Hugo. San Francisco — 1989 was the year of the disaster.

Yet 1990 just started when AT&T long distance service crashed, along with thousands of telephone-dependent firms.

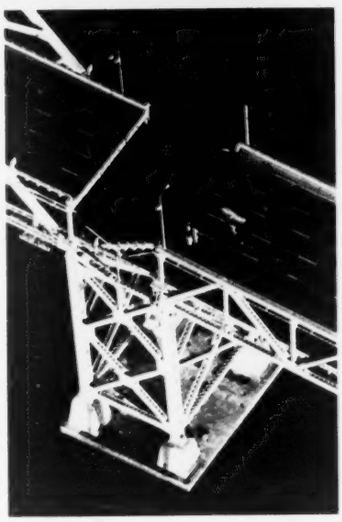
MORE INSIDE

Big disasters grab headlines. Little disasters just grab your firm's throat. Aggravating the threat is increased reliance on technology.

Business now strongly encourages contingency plans with security playing an active role. It couldn't have come at a better time. Most companies lack a plan: Only about one-fifth of U.S. firms have broad-based disaster plans that outline complete recovery steps.

"More often, it's a matter of

Continued on page 8



The ultimate disaster? October's San Francisco earthquake tested security's disaster plans as companies coped with the tremor. Those who planned for it fared better.

5 HOTTEST TRENDS

By Bill Zalud
Editor

You can make change work for you by leveraging industry trends.

Five of today's hot trends are microprocessors, integration, partnerships, tailored services and equipment downsizing.

1 Microprocessors
Embedded within gear or as personal computers that drive systems, microprocessors add advantages and cost. Benefits: intelligence, memory, ease of installation/operation and connectability.

"Computer power kicks up cost," points out Sandy Jones, president of Sandra Jones & Co., Richmond Heights, Ohio. "But data received and speed of response make it more attractive."

The gear helps balance equipment with people. "The labor market is squeezed. Computers add functions and features to make up for the labor losses," says Jones, who formed a consulting firm after running a successful security equipment distribution business.

2 Integration
The most controversial hot button, integration can be viewed as the smooth joining of diverse equipment or systems.

While integration has myriad benefits, many feel security and life safety systems have importance for a separate identity.

Yet facilities management,

Continued on page 14

Product Update: *Special Edition*

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Thinking About the Unthinkable

It's a challenge security cannot pass up.

Plan for the worst so people and assets are protected most and your business can resume normal operation quickly.

Bonus coverage in this Product Update Special Report complements the cover article that appeared in your latest, March SECURITY. Both the cover article on how you can conduct a disaster drill as Owens-Corning Fiberglas Corp. did in Toledo, Ohio, and the how-to disaster planning articles in this newspaper provide you helpful insurance.

In addition, disaster prevention in minor and major ways is the aim of the more than 100 products and services showcased here.

The challenge is before us. Planning for disaster is one of many ways that security protects and provides a safe and secure working environment.

Products and services by category INSIDE. Problem-solve. Check out the listings!
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21 Reader Service Card

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Access Control

Bar/Stripe Reader

- ***reads multiple bar codes***
- ***for ID badge scanning***

The Series 10 bar code and magnetic stripe reader automatically programs itself to read multiple bar codes. Usable with varied input devices, the reader is available as a wedge unit which plugs into the keyboard line for IBM and Wyse computers and terminals. — *Percon*

For information circle **298**

Cards and Keys

- ***interface to systems***
- ***combos boost security***

There's a full line of Wiegand cards, proximity keys and readers to interface with Corby access control systems. The systems can set for card only, keypad only or a combination of card and keypad. — *Corby Industries Inc.*

For information circle **314**

Access Control Graphics

- ***operator friendly***
- ***on-line manual***

The new Picture Perfect access control system from Casi-Rusco uses sophisticated computer graphics and windows to aid the operator during setup and use. Information is controlled via windows. Included is a function called input field validation to prevent mistakes. — *Casi-Rusco*

For information circle **301**

PC-Driven Access Control

- ***distributed data bases***
- ***64 reader standard***

The SAC-300 access control system from Sensormatic Electronics Corp. is a fully distributed processing system. Each of up to 32 remote reader interface panels has its own data base for up to 4,000 cards. The data base is automatically downloaded after editing. — *Sensormatic Electronics Corp.*

For information circle **307**

Bar Code/Badge Reader

- ***optional LED***
- ***high/low optics***

The new Scanteam BCR-6400 bar code card or badge reader from Welch Allyn is available with a combination of factory and user selectable operational configurations. Optical centerline and cord exits are user selectable. — *Welch Allyn Inc.*

For information circle **306**

Magnetic Stripe Reader

- ***reads both directions***
- ***optional PINPad***

The Mag-Wedge from Mag-Tek is a magnetic stripe card reader that reads cards in both directions. It has no external interface, plugging directly into a personal computer keyboard port. There is an optional PIN Pad available. — *Mag-Tek Inc.*

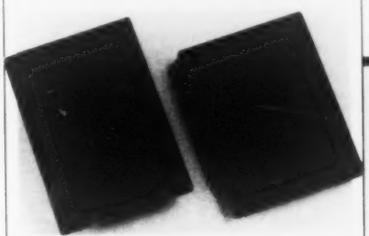
For information circle **297**

Lock-Release System

- ***reads mag patterns***
- ***uses proximity-type key***

Entry into secure premises may be controlled by a new lock-release system from Scotland. Entrepod from Instrumentation and Microelectronic Systems works by means of a pattern of digital magnetic fields. When an Entrepod key is held near a reader-sensor, the information magnetically coded within the key is read and compared with memory. — *Instrumentation and Microelectronic Systems*

For information circle **308**



Intercom Access Control

- ***outdoor use***
- ***surface or semi-flush***

Two new weatherproof outside door stations from Aiphone Corp. work with several of the company's intercom systems. Both the ID-DA surface mount and the ID-NC semi-flush mount are of ABS plastic and anodized aluminum. The outside stations work with Aiphone's IC, TD-H, TB-T and RCX Series intercom systems. — *Aiphone Corp.*

For information circle **310**

Stand-Alone Keypad

- ***2, 8, 32 codes***
- ***built-in timer***

The new IEI-200 Series stand-alone keypad comes in three models with two, eight or 32 programmable codes. There's also a weatherproof version. The unit has a built-in timer, 1 to 6 digit codes with repeatable numbers and programming from the keypad. — *International Electronics Inc.*

For information circle **319**

Access Plus PC Uses

- ***1 to 256 doors***
- ***parking package***

A new access control system from Marlee Electronics Corp. controls one to 256 doors, plus it provides office computer applications. Standard are high security differential optics card readers. Generic readers and prox are optional. A parking package includes space counting, smart anti-passback, nesting and single use keypad. — *Marlee Electronics Corp.*

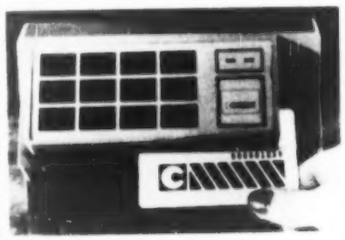
For information circle **318**

Keypad Access Control

- ***four-digit, nonrepeating***
- ***momentary or latch***

The DK-85 and DK-86 access control systems from Ultrak are 12-button, tactile feel devices that operate at 6 to 16V. The units are field programmable via jumpers. Key and panic relay output modes are momentary or latch selectable. — *Ultrak*

For information circle **311**



Flexible Access Control

- ***PC-driven***
- ***single to 30-door***

The Locksmart access control system by Racal-Chubb can provide systems from a single-door smart reader to a total access management system. Capacities from 500 to 2,000 cards, including mag stripe and Wiegand with either insert or swipe readers are available. — *Racal-Chubb*

For information circle **274**

Access Control Plus

- ***interactively communicates***
- ***scrolling messages***

The Classiq-200 intelligent reader performs access control, alarm monitoring and time and attendance data collection by incorporating PC, interface and reader functions. Accepts up to 40,000 badges; stores 3,000 transactions; 9 security level tables. — *Applied Realtime Systems Inc.*

For information circle **300**

Security Takes Lead Role In Disaster Planning Needs

Continued from page 1

business planning," says Ken Beraduce, president of K.J. Beraduce & Associates, a Youngstown, Ohio-based disaster planning consulting firm. "People now ask how to keep business and computers running."

Business Failure Is Possible

Failure to answer that question often leads directly to business failure. Half of all companies who don't recover from a disaster within 10 business days file Chapter 11 or never fully recover.

Here's a step-by-step contingency planning strategy.

▶ Get top management approval before undertaking a disaster plan.

▶ Seek outside advice. A few key tips from a disaster expert could save time and money.

▶ Do a thorough risk analysis. Determine critical operations and prioritize them.

▶ Consider probable scenarios; do not develop a plan for every possibility.

▶ Determine people and resources for critical operations.

▶ Map out recovery strategies. Depending on your needs, hire people to assist.

▶ Determine a chain of command for top management and security.

▶ Assign duties, matching employees to recovery functions in their area.

▶ Plan security at the disaster site and temporary work locations.

▶ Include life-safety skills training.

▶ Document your plan. Store copies off-site.

▶ Get top approval of the plan.

▶ Communicate the plan to all employees.

▶ Test the plan frequently and evaluate your results.

Number-Scrambling Keypad

- ***single-digit display***
- ***system compatible***

The new Gemini security keypad from Architectural Control Systems Inc. features numerical scrambling technology, limited viewing angle and four locking modes. The Gemini 1370 responds to 434 different user codes and seven user groups. — *Architectural Control Systems Inc.*

For information circle **302**

PC Access Control

- ***bar codes used***
- ***monitors time, status***

PC Doorman provides electronic access control and monitoring of computers through software. ID cards replace keys and bar code readers transmit user codes to a host computer where the PC Doorman data base verifies authorized access through an access point controller that actuates the locking device, usually an electrically controlled door strike. — *H & M Electronic Systems*

For information circle **241**

CCTV/Surveillance

CCTV Text Inserter

- ***compatible with registers, ATMs***
- ***uses standard RS-232***

The new 5132 Text Inserter from GYYR allows digital text from electronic cash registers, automatic teller machines and other digital devices to be recorded onto a videotape along with images received from video cameras. — *GYYR division of Odetics*

For information circle **212**

Compact CCTV Camera

- ***solid-state MOS***
- ***78° view***

The VK-M10 camera from Hitachi is an extremely compact black-and-white camera. With solid-state MOS image sensor at two lux and wide angle lens for 78° viewing. The camera has an auto iris and built-in microphone. — *Hitachi Industrial Products division*

For information circle **275**

Five Microminiature Cameras

- ***color or black-and-white***
- ***over 360 lines***

Toshiba recently introduced five microminiature cameras for security and surveillance uses. There are three color and two black-and-white cameras. The IK-M30A and IK-C30A color cameras feature ½-inch CCD image sensor chip for over 360 lines, auto tracking and fast electronic shutter. — *Toshiba*

For information circle **291**

Quad Output Switchers

- ***thermal management***
- ***modular construction***

Six new quad output VF series switchers from Deltron Inc. provide 5V at 120A on the main and 5, 12 and 24V combinations on auxiliaries. All outputs are isolated, and switching is regulated. — *Deltron Inc.*

For information circle **215**

Video Motion Detection

- ***video to digital***
- ***telephone line links***

Movicom CCTV Controller provides video motion detection using microprocessors, hard disk memory and special software. With the digital format, numerous controllers can be at remote sites and linked to a central reception unit. — *Hymatom/RJS Industries*

For information circle **266**

Three Output CCD Camera

- ***two-speed shutter***
- ***color lock synch***

The new 6800 Series remote-head color CCD camera from Cohu Inc., has separate outputs for RGB, Y-C (S-VHS) and NTSC video. It has a two-speed electronic shutter, a high 50 dB signal to noise ratio and a half-inch blemish free image sensor. — *Cohu Inc.*

For information circle **224**

High Sensitivity Camera

- ***600 lines horizontal***
- ***frame-transfer image sensor***

A new high sensitivity CCD camera has been introduced by Audio Video Supply Inc. Key features of the camera include 600 lines horizontal resolution, high speed shutter, minimum scene illumination of 0.3 lux with f1.4 lens and a frame-transfer image sensor. — *Audio Video Supply Inc.*

For information circle **227**

Vicon Fiber Optic Line

- ***21 different systems***
- ***transmit over single fiber***

The Vicon Optech Fiber Optic system ranges from single-channel video links to two-way video, data and audio over single fiber. — *Vicon Industries*

For information circle **271**

► Update procedures and orient new employees.

From the Carolinas to San Francisco, companies that plan beforehand survive and prosper. Some even learn new tricks while under fire.

Addressing Employee Needs

For example, when Hurricane Hugo devastated Charleston-based automotive parts manufacturer Robert Bosch Corp., 65 employees also suffered, some losing everything they owned. The company provided employee aid — from temporary housing to diesel generators to food supplies.

The company also rented furnished apartments for employee families who lost their homes. By showing that the company cares about its employees' well-being, workers are more likely to respond to the company's disaster as well as their own, says Nordquist.

When the Earth Shook

On the other coast, one San Francisco-based company credited its contingency plan for quick recovery from the earthquake.

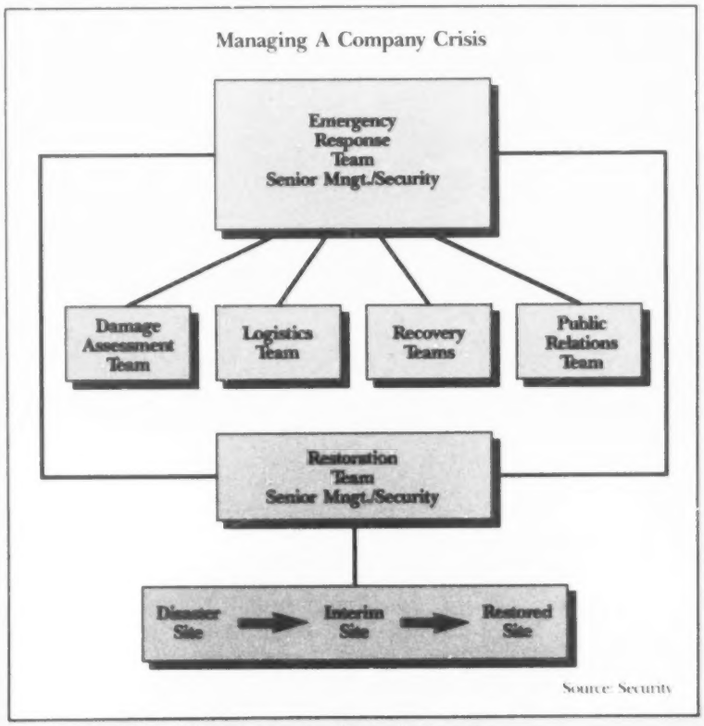
Only days before tragedy struck, nearly 100 employees of discount brokerage giant Charles Schwab & Co. Inc. gathered at a site outside San Francisco, the firm's corporate headquarters. Director of Security Keith Headman directed testing of a segment of the recently developed contingency plan.

Then at 5:04 p.m., Oct. 17, Headman sat in his 21st floor office when he felt the building sway and shake violently.

"It was the end of the day. About 400 to 500 people were in the building," recounts Headman. "Immediately, we got on the public address system to tell everyone to stay in the building and wait for further information."

Guided by the new contingency plan, Headman and security officers went to work assessing damages and injuries.

Stories on Hugo and San Francisco earthquake lessons learned appear in "Disaster Planning Protects Assets" on page 11. □



A disaster plan includes teams with assignments.